Thomas Prince School - Soil
Charles Klingler
to:
Kimberly Tisa
12/06/2011 03:30 PM
Hide Details
From: Charles Klingler <cklingler@ecsconsult.com>

To: Kimberly Tisa/R1/USEPA/US@EPA

2 Attachments

Soil Locations Plan 11-15-11.pdf PCBs in soil 11-10-11.xlsx

Good Afternoon Kim,

Thank you for taking the time to discuss the Thomas Prince School soil excavation with me today. I really appreciate it. The information that we discussed was presented in Draft - Table 7 Soil Sample Results Summary and Figure 1, Soil Sample Locations which I had e-mailed to you and have again included herein. To reiterate the agreed upon plan for soil removal, the soil is proposed to be removed under CFR 761.61(b) (Performance Based Option) with verification sampling per Subpart O. Thus, the soil is assumed to be greater than 50 ppm PCB and will be disposed of as a TSCA waste, likely at Model City in NY. The reason for the assumption of >50 ppm is due to the limited volume of soil expected to be removed making it cost effective to address it in this manner. The area to be excavated is located adjacent to the east side of the school along an approximate area measuring 140 feet long by 2.5 feet wide. The depth of the excavation will be approximately 6-inches with excavation to approximately 1 foot in the area of sample point ECS-2B. Verification sampling will consist of 8 composite samples collected at 5 foot centers consisting of 4 samples per composite (140'/5' = 30, 30/4 samples per composite = 7.5 composites).

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Best Regards,

Chuck

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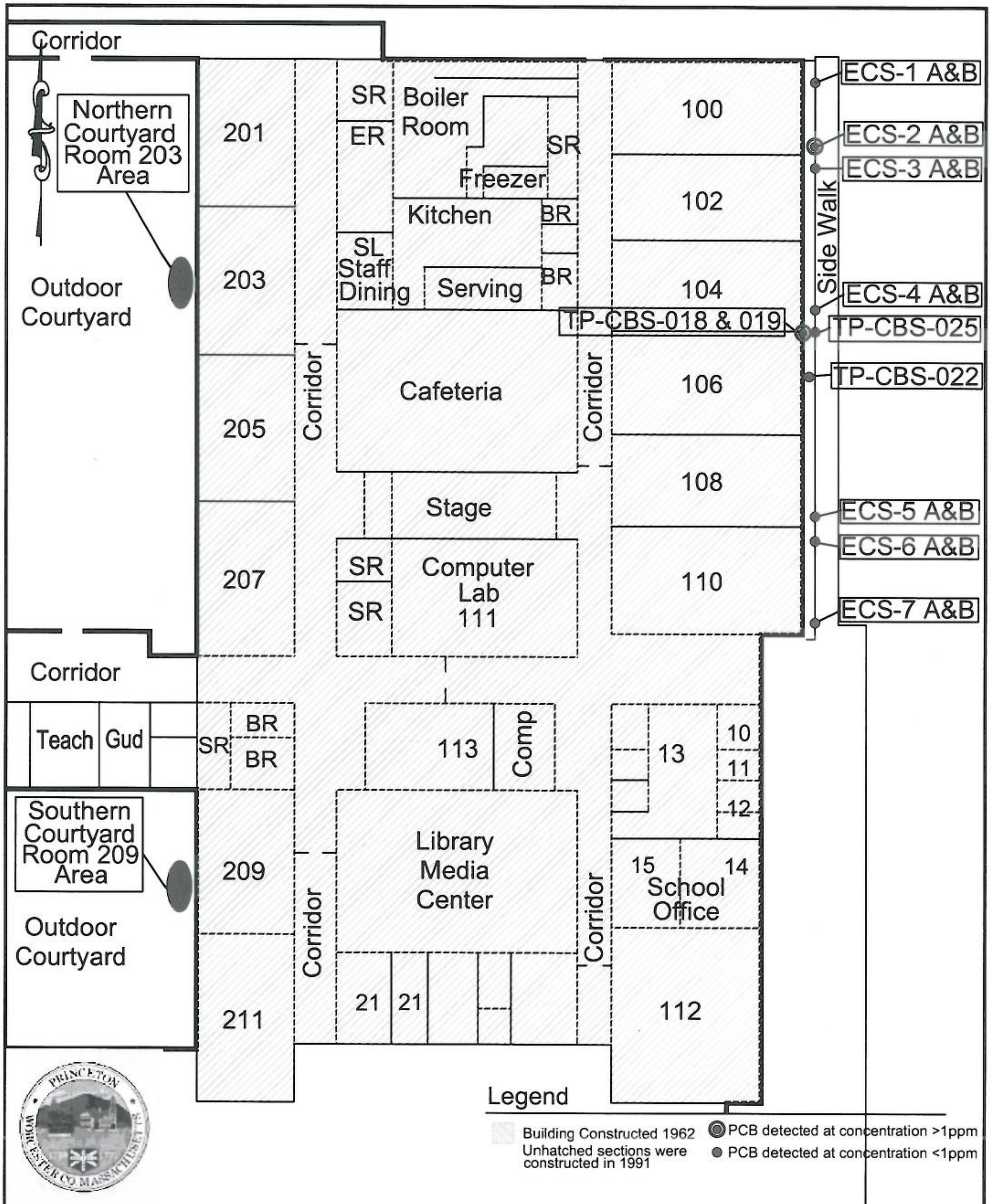

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PROJECT:
Thomas Prince School
170 Sterling Road – Route 62
Princeton, Massachusetts

TITLE:
Soil Sample Locations

COMPUTER CADFILE : 216630e.dwg

DRAWN BY:	DESIGNED BY:	CHECKED BY:	APPROVED BY:
MWS	SPF/CK	SPF/CK	SPF/CK
SCALE:	DATE:	JOB NO.:	FIGURE NO.:
NTS	11/15/11	216630	1

DRAFT - Table 7
SOIL SAMPLE RESULTS SUMMARY

Sample Location	Sample ID	Sample Date	Depth below Surface (inches)	Concentration Total PCBs (mg/Kg)	Concentration Arochlor 1254 (mg/Kg)	Concentration Arochlor 1260 (mg/Kg)	Sample Description
Eastern Exterior Wall of Building (adjacent to parking area)	TP-CBS-018	9/7/2011	0 - 3	3.7	3.7	<0.58	Base of joint at southern edge of exterior window from Room 106, against building wall within drip line
	TP-CBS-019	9/7/2011	6 - 9	<0.12	<0.12	<0.12	
	TP-CBS-025	9/7/2011	0 - 3	0.13	0.13	<0.13	2.5 feet east of building face from sampling point #018 at edge of asphalt sidewalk.
	TP-CBS-022	9/7/2011	0 - 3	<0.12	<0.12	<0.12	Five feet south of sampling point #018 at window from Room 106, against building wall at ventilation intake
	ECS-1A	10/26/2011	0-3	0.039	0.039	<0.0219	2.5 feet east of building, opposite north most louver air intake vent at room 100 at edge of asphalt sidewalk.
	ECS-1B	10/26/2011	6-9	0.128	0.061	0.067	
	ECS-2A	10/26/2011	0-3	0.571	0.571	<0.0221	2.5 feet E of building, opposite middle vertical caulk joint between windows for rooms 100/102 at edge of asphalt sidewalk.
	ECS-2B	10/26/2011	6-9	1.01	1.01	<0.0238	
	ECS-3A	10/26/2011	0-3	0.346	0.346	<0.0218	2.5 feet E of building, opposite vertical caulk joint of S most concrete window column for room 102 at edge of asphalt sidewalk.
	ECS-3B	10/26/2011	6-9	<0.023	<0.023	<0.023	
	ECS-4A	10/26/2011	0-3	0.535	0.426	0.109	2.5 feet E of building, opposite vertical caulk joint of N most concrete window column for room 104 at edge of asphalt sidewalk.
	ECS-4B	10/26/2011	6-9	0.072	0.072	<0.022	
	ECS-5A	10/26/2011	0-3	0.311	0.311	<0.0218	2.5 feet E of building, opposite vertical caulk joint of N most concrete window column for room 108 at edge of asphalt sidewalk.
	ECS-5B	10/26/2011	6-9	0.025	0.025	<0.022	
	ECS-6A	10/26/2011	0-3	0.669	0.572	0.097	2.5 feet E of building, opposite vertical caulk joint of S most concrete window column for room 110 at edge of asphalt sidewalk.
	ECS-6B	10/26/2011	6-9	0.031	0.031	<0.0206	
	ECS-7A	10/26/2011	0-3	0.028	0.0282	0.0225	2.5 feet E of building, S extent of unpaved area, S end of room 110 at edge of asphalt sidewalk.
	ECS-7B	10/26/2011	6-9	<0.022	<0.022	<0.022	
Northern Courtyard (Room 203 Area)	TP-CBS-028	9/7/2011	0 - 3	0.36	0.36	<0.11	Base of vertical caulk joint against wall, beneath exterior window from Room 203, along eastern wall of northern courtyard, within gravel drainage bed
	TP-CBS-029	9/7/2011	0 - 3	<0.12	<0.12	<0.12	3 feet west of sampling point #028 beneath exterior window from Room 203, along eastern wall of northern courtyard, at farthest edge of gravel drainage bed
	TP-CBS-030	9/7/2011	6 - 9	<0.11	<0.11	<0.11	
	TP-CBS-032	9/7/2011	0 - 3	<0.12	<0.12	<0.12	8 feet from base of vertical caulk joint (5 feet west of sampling point #028) along eastern wall of northern courtyard, taken within grassy area located at edge of gravel drainage bed
	TP-CBS-035	9/7/2011	0 - 3	<0.11	<0.11	<0.11	Base of wall, within gravel bed at center of ventilation unit, south of sampling point #028 outside window of Room 203
	TP-CBS-036	9/7/2011		<0.11	<0.11	<0.11	
	TP-CBS-037	9/7/2011	0 - 3	<0.12	<0.12	<0.12	West of sampling point #035 beneath exterior window from Room 203, along eastern wall of northern courtyard, at farthest edge of gravel drainage bed.
Southern Courtyard (Room 209 Area)	TP-CBS-040	9/7/2011	0 - 3	0.58	0.58	<0.13	Within gravel bed adjacent to wall at base of joint, below edge of exterior window of Room 209, along eastern edge of southern courtyard.
	TP-CBS-041	9/7/2011	0 - 3	<0.12	<0.12	<0.12	2 feet west of sampling point #040 within gravel bed, below edge of exterior window of Room 209, along eastern edge of southern courtyard
	TP-CBS-042	9/7/2011	6 - 9	<0.11	<0.11	<0.11	
	TP-CBS-044	9/7/2011	0 - 3	<0.12	<0.12	<0.12	5 feet west of sampling point #040 within gravel bed, below edge of exterior window of Room 209, along eastern edge of southern courtyard
	TP-CBS-047	9/7/2011	0 - 3	0.57	0.57	<0.12	Base of wall, within gravel bed at northern vertical edge of ventilation unit, located north of sampling point #040 outside window of Room 209.
	TP-CBS-048	9/7/2011	0 - 3	<0.13	<0.13	<0.13	2 feet west of wall outside Room 209, at point located south of window, outside edge of gravel bed.